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FIG. 1(I)

10	20	30	40	50	60
MGFTSGPSSL	LLLLTHLFLA	LGSPMYSIIT	PNILRLIESE	TMVLEAHDAQ	GDVPVTVTVH
70	80	90	100	110	120
DFFPGKKLVLS	SEKTVLTPAT	NHMGNVTTTI	PANREFKSEK	GRNKFTVVOA	TFGTQVVEKV
130	140	150	160	170	180
VLVSLQSGYL	FICTDKTIYT	PGSTVLYRIE	TVNHKLLFPV	RTVMVNIENP	EGIPVKQDSL
190	200	210	220	230	240
SSQNQLGVLP	LSWDIPELVN	MGQWKIRAYY	ENSPQOVFST	EFEVKKEYVLP	SFEVIVEPTE
250	260	270	280	290	300
KFYTYNEKG	LEVITITARFL	YGKKVEGTAF	VIFGICDGEQ	RISLFESLKR	IFIEDGSGEV
310	320	330	340	350	360
VLSRKVLDS	VQNPRAEDLV	GKSLVVSATV	ILHSGSDMVQ	AERSGIFIVT	SPYQIHFTKT
370	380	390	400	410	420
PKYFKPGMPF	OLMVFTNFD	GSPAYRVFVA	VQGEDTVQSL	TQGDGVAKLS	INTHPSQKPL
430	440	450	460	470	480
SITVTKKOE	LSEAZQATRT	MOALPYSTVG	NSNNYLHLSV	LRTELRPGET	LNVNELLRMD
490	500	510	520	530	540
RAHEAKIRYY	TYLIMNKGR	LKAGROVREP	GQDLVVLPLS	ITTDIFIPSR	LVAYYTLIGA
550	560	570	580	590	600
SGOREVVADS	VWVDVKDSCV	GSLVVKSGQS	EDROPVFGQC	MTLKIEGDHG	ARVVLVAVDK
610	620	630	640	650	660
GVTVLNKKGNK	LTOSKIWDVV	EKADIGCTFG	SGKDYAGVFS	DAGLTFTSSS	GGCTAORAEI
670	680	690	700	710	720
QCPQFAARRR	RSVOLTEKRM	DKVGKYPKEL	RKCCEDGMRE	NPMRFSCQFR	TRFISLGEAC
730	740	750	760	770	780
KKVFLDCQNY	ITELRRORAR	ASHLGLARSH	LDEDIAEEN	IVSRSEFPES	WLWNVEDLKE
790	800	810	820	830	840
PPKNGISTKL	MNIFLKESIT	TWEILAVSMS	DKKGICVADP	FEVTVMQDFF	IDLRLPYSVV
850	860	870	880	890	900
RNEQVEIRAV	LYMYRONQEL	KVRVELLHNP	AFCSLATTKR	RHQTTITIPP	KSSLSVPYVI
910	920	930	940	950	960
VPLKTSGLQEV	EVKAAVYHHF	ISDGVKSLK	VVFESIRMNK	TVAVRTLDPE	RLGREGVOKE
970	980	990	1000	1010	1020
DEFFADLSDQ	VFDTESETR	LLOGTFVACM	TEDAVDAERL	KHLIVTFSGC	GEONMIGMTP
1030	1040	1050	1060	1070	1080
TVIAYHYLDE	TEQWEKFSLE	KROGALELIK	KGYTQCLAFR	QFSSAFAAFV	KRAPSTWLTA
1090	1100	1110	1120	1130	1140
YVVKVTSLAY	NLIAIDSOVL	CGAVKWLILE	KQKPDGVTFE	DAPVTHOEMI	GGLRNNNEKO
1150	1160	1170	1180	1190	1200
MALTAFTVLS	LOEAKETCEE	OWNSLFCISIT	KAGDFLEANY	MULORSYTYA	IAGYALAOMG

[illegible]

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1210	1220	1230	1240	1250	1260
RLKGFLLNKF	LTTAKDKNRW	EDPGKOLYNV	EATSYALLAL	LCLKDFDFVP	PVVRWLNFOR
1270	1280	1290	1300	1310	1320
YYGGGYGSTQ	ATFMVFCALA	QYOKDAPDHQ	ELNLDVSLQL	PSRSSKITHR	IHWESASLLR
1330	1340	1350	1360	1370	1380
SEETKENEGF	TVTAEGKGGG	TLSVVTMYHA	KAKDQLTCHK	FDLKVTIKFA	PETEKRPQDA
1390	1400	1410	1420	1430	1440
KNTMILEICT	RYRGDQDATH	SILDISMMTG	FAPDTDELKQ	LANGVDRYIS	KYELDKAFSD
1450	1460	1470	1480	1490	1500
RNTLIITYLDK	VSHSEEDCLA	FKVHOYFNVE	LIQPGAVKVY	AYYNLEESCT	RFYHPEKEDG
1510	1520	1530	1540	1550	1560
KLNLKCRDEL	CRCAEENCFI	OKSDDKVTLF	ERLDKACEFG	VDYVYKIRLV	KVQLSNDFDE
1570	1580	1590	1600	1610	1620
YIMAIETQIK	SGSDEVQVGG	ORTFISPIKC	REALKLEKK	HYLMWGLSSD	FWGEKPNLSY
1630	1640	1650	1660		
IGKDTWVEH	WPEEDECODE	ENQKCCOCLG	AFTESMVVFG	CPN	

FIG. 1(II)

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FIG. 2(I)

```

      cctctccct  ctgtccctct  gtccctctga  cccctccactg  tcccagcacc
      12         20         30         40         50         60

atgggaccca cctcaggacc cagccctgctg ctccctgctac taaccacacc cccctctggct
 70         80         90        100        110        120

ctggggaagt ccctgtactc tatcatcacc cccaacatct tggggctgga gagcgaggag
130        140        150        160        170        180

accatgggtc tggaggccca cgaacgcgcaa ggggatgttc cagtcactgt tactgtccac
190        200        210        220        230        240

gacttcccaag gcaaaaaact agtgcctgtcc agtgagaaag ctgtgtgtgac cccctgccacc
250        260        270        280        290        300

aaccacatgg gcaacgtcac ctccacagtc ccagcccaaca gggagcttcaa gtcaaaaaag
310        320        330        340        350        360

ggggcccaaca agttcgtgac cgtgcagccc accttcggga cccaagtgtt ggagaaaggtg
370        380        390        400        410        420

gtctctgttca gcttcagagc cgggtacctc ttcatccaga cagacaagac catctacacc
430        440        450        460        470        480

ccctggctcca cagtctctta cgggatcttc accttcacac acaagctgtc accctggggc
490        500        510        520        530        540

cggacgttca tgggtcaacat tgagaacccg gaaggcatcc cgttcaggca ggaactctctg
550        560        570        580        590        600

tctcttcaga accagctctg cgtcttgcgc ttgtctctgg acattccgga acctcgtcac
610        620        630        640        650        660

atgggccaagt ggaagatccg agcctactat gaaaactcac cacaagcagg ctctctccact
670        680        690        700        710        720

gactttgagg tgaaggagta cgtcctgcgc agtttcgagg tcatagtgga gcttacagag
730        740        750        760        770        780

aaattctact acatctataa cgagaagggt ctggagggtc ccattaccgc caggttcttc
790        800        810        820        830        840

tacgggaaga aagtggaggg aactgccttc gtcctctctc ggatccagga tggcgaaacg
850        860        870        880        890        900

aggatttccc tgcctgaatc cctcaagcgc attccgattg aggatgggtc gggggagggtt
910        920        930        940        950        960

gtcttcaccc ggaaggtaact gctcgaaggg gtgcagaacc cccgagcaga agactctgggtg
970        980        990        1000       1010       1020

gggaagtctt tgttcgtgtc tgcctccgtc attctgcact caggtcagtg catgttgcag
1030       1040       1050       1060       1070       1080

gcagagggcc ggggatccc catcgtgacc tctccctacc agatccactt caccaaagaca
1090       1100       1110       1120       1130       1140

cccaagtact tcaaacaggg aatgcctctt gacttcactg tgttcgtgac gaacctgtat
1150       1160       1170       1180       1190       1200

ggctcccaag cctaccaggt cccctgggca gtccaggggt aggaactctg gcagtctcta
1210       1220       1230       1240       1250       1260

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PCT/GB97/00603

FIG. 2(II) 4/19

acccaggga	atggcggtggc	caaactcagc	atcaacacac	accccaagcca	gaagcccttg
1270	1280	1290	1300	1310	1320
agcatcacgg	tgcgcacgaa	gaagcaggag	ctctcggagg	cagagcaggc	taccaggacc
1330	1340	1350	1360	1370	1380
atgcaggctc	tgccttacag	caccgtgggc	aactccaaca	attacctgca	tctctcagtg
1390	1400	1410	1420	1430	1440
ctacgtacag	agctcagacc	cggggagagc	ctcaacctca	acttcctcct	gcgaatggac
1450	1460	1470	1480	1490	1500
cggcgccacg	agcccaagat	ccgctactac	acctacctga	tcatgaacaa	gggcaggctg
1510	1520	1530	1540	1550	1560
ttgaaggcgg	gacgcccagg	gggagagccc	ggccaggacc	tgggtggctct	gcccctgtcc
1570	1580	1590	1600	1610	1620
atcaccaccg	acttcacccc	tcccttcggc	ctgggtggct	actacacctt	gacgggtggc
1630	1640	1650	1660	1670	1680
agcgccacga	gggaggtggt	ggcccgactcc	gtgtgggtgg	acgtcaagga	ctcctgggtg
1690	1700	1710	1720	1730	1740
ggctcgtctg	tggtaaaaaa	cggccaactca	gaagaccggc	agcctgtacc	tgggcaagcag
1750	1760	1770	1780	1790	1800
atgacctctg	agatagaggg	tgaccacggg	ggccgggtgg	tactgggtgg	cgtggacaag
1810	1820	1830	1840	1850	1860
ggcgtgtctg	tgctgaataa	gaagaacaaa	ctgacgcaga	gtaagatctg	ggacgtgggtg
1870	1880	1890	1900	1910	1920
gagaaggcag	acatcggtctg	caccccggtg	agtgggaagg	attacgcggg	tgtcttctcc
1930	1940	1950	1960	1970	1980
gacgcaggcc	tgaccttcac	gagcagcagt	ggccagcaga	ccgcccagag	ggcagaactt
1990	2000	2010	2020	2030	2040
cagtgcctcc	agccagccgc	ccgcccagcc	cgttcctgtc	agctcacggg	gaagccgaatg
2050	2060	2070	2080	2090	2100
gacaaaactc	gcaagtaccc	caaggagctg	cgcaagtgtt	gcgaggaccg	catgcgggag
2110	2120	2130	2140	2150	2160
aaccccatga	ggttctctgt	ccagcgccgg	acccgtttca	tctccctggg	cgaggcgtgc
2170	2180	2190	2200	2210	2220
aagaaggctt	tcctggactg	ctgcaactac	atcacagagc	tgcggcgcca	gcacgcctgg
2230	2240	2250	2260	2270	2280
ggcagccccc	tgggctctgg	caggagtaac	ctggatgagg	acatcattcc	agaagagaac
2290	2300	2310	2320	2330	2340
atcgtttccc	gaagtgaagt	cccagagagc	tggctgtgga	acgttgagga	cttgaaagag
2350	2360	2370	2380	2390	2400
ccaccgaaaa	atggaattcc	tacgaagctc	atgaatatat	ttttgaaaga	ctccatcacc
2410	2420	2430	2440	2450	2460
acgtgggaga	ttctggctct	gagcatgtcg	gacaaqaaa	ggatctctct	ggcagacccc
2470	2480	2490	2500	2510	2520
ctcagagctc	cagtaattcc	ggactttctc	atccacctgc	ggctacccca	ctctgtctct
2530	2540	2550	2560	2570	2580

FIG. 2(III) 5/19

cgaaacgagc	aggtggaaat	ccgagccgtt	ctctacaatt	accgscagaa	ccaagagctc
2590	2600	2610	2620	2630	2640
aaagtgaagg	cggaactact	ccacaatcca	gcctttctga	gcctggccac	caccaagagg
2650	2660	2670	2680	2690	2700
cgtcaccagc	agaccataac	catccccccc	aaatccctct	tgtccgttcc	atatgtcatt
2710	2720	2730	2740	2750	2760
gtcccccctaa	agaccggcct	gcaggaaagt	gaagtcaagg	ctgctgtcta	ccatcatttc
2770	2780	2790	2800	2810	2820
atcagtgagc	gtgtcaggaa	gtccctgaag	gtcgtgcccc	aaggaatcag	aatgaacaaa
2830	2840	2850	2860	2870	2880
actgtggctg	ttcccaacct	ggatccagaa	cgccctggcc	gtgaaggagt	gcagaaagag
2890	2900	2910	2920	2930	2940
gacatccccc	ctgcagacct	cagtgcacaa	gtcccgagca	ccgagtctga	gaccagaatt
2950	2960	2970	2980	2990	3000
ctccctgcaag	ggacccccagt	ggcccagatg	acagagggatg	ccgtcgaacc	ggaaacggctg
3010	3020	3030	3040	3050	3060
aaacacctca	ttgtgacccc	ctcgggctgc	ggggaacaga	acatgatccg	catgacgccc
3070	3080	3090	3100	3110	3120
accgtcattc	ctgtgcatta	cctggatgaa	acggagcagt	gggagaagtt	cgccctagag
3130	3140	3150	3160	3170	3180
aaacggcagg	gggcccctgga	gtccatcaag	aaaggggtaca	cccagcagct	ggccttcaga
3190	3200	3210	3220	3230	3240
caacccagct	ctgccttttc	ggccttcctg	aaacgggccc	ccagcaccctg	gtcgcacgcc
3250	3260	3270	3280	3290	3300
tacgtggctca	aggtcttctc	tctggctgtc	aaactcctcg	ccatcgactc	ccaagtcttc
3310	3320	3330	3340	3350	3360
tgccgggctc	ttaaatggct	gatccctggg	aagcagaagc	ccgacggggt	cttccaggag
3370	3380	3390	3400	3410	3420
gatggccccc	tgatcaccca	agaaatgatt	ggcggattac	ggaaacaaca	cgagaaagac
3430	3440	3450	3460	3470	3480
atggccctca	cgccctttct	tctcatctct	ctgcaggagg	ctaaaatatt	ttgcgaggag
3490	3500	3510	3520	3530	3540
caggtcaaca	gcctcccaag	cagcatcact	aaaacaggag	acttccttga	agcccaactac
3550	3560	3570	3580	3590	3600
atgaacctac	agagatccca	cactgtggcc	attgctggct	atgctctggc	ccagatgggc
3610	3620	3630	3640	3650	3660
aggtcaagg	ggcctcttct	taacaaattt	ctgaccacag	ccaaaatata	gaacggctgg
3670	3680	3690	3700	3710	3720
gaggaacccc	ctaagcagct	ctacaacgtg	gagggcacat	cctatgcccc	cttggccctca
3730	3740	3750	3760	3770	3780
ctgcacctaa	aaactcttga	ctttgtgccc	ccgctcgtgc	gttggctcaa	tgaacagaga
3790	3800	3810	3820	3830	3840
caatcaggct	gtggctatgg	ctctacccag	gccaccttca	tggcttctca	agcctcggct
3850	3860	3870	3880	3890	3900

Table 1. Demographic characteristics of the study population	
Age (years)	Mean (SD)
Male	55.2 (10.5)
Female	56.8 (11.2)
Marital status	
Married	78.5%
Single	21.5%
Education level	
High school or above	65.2%
Below high school	34.8%
Occupation	
White collar	45.1%
Blue collar	54.9%
Income (USD/month)	
< 1000	12.3%
1000-2000	35.7%
2000-3000	28.9%
> 3000	23.1%
Health insurance	
Yes	89.4%
No	10.6%
Comorbidities	
Hypertension	42.1%
Diabetes	18.5%
Cholesterol	31.2%
Smoking status	
Current smoker	15.3%
Former smoker	22.7%
Non-smoker	62.0%

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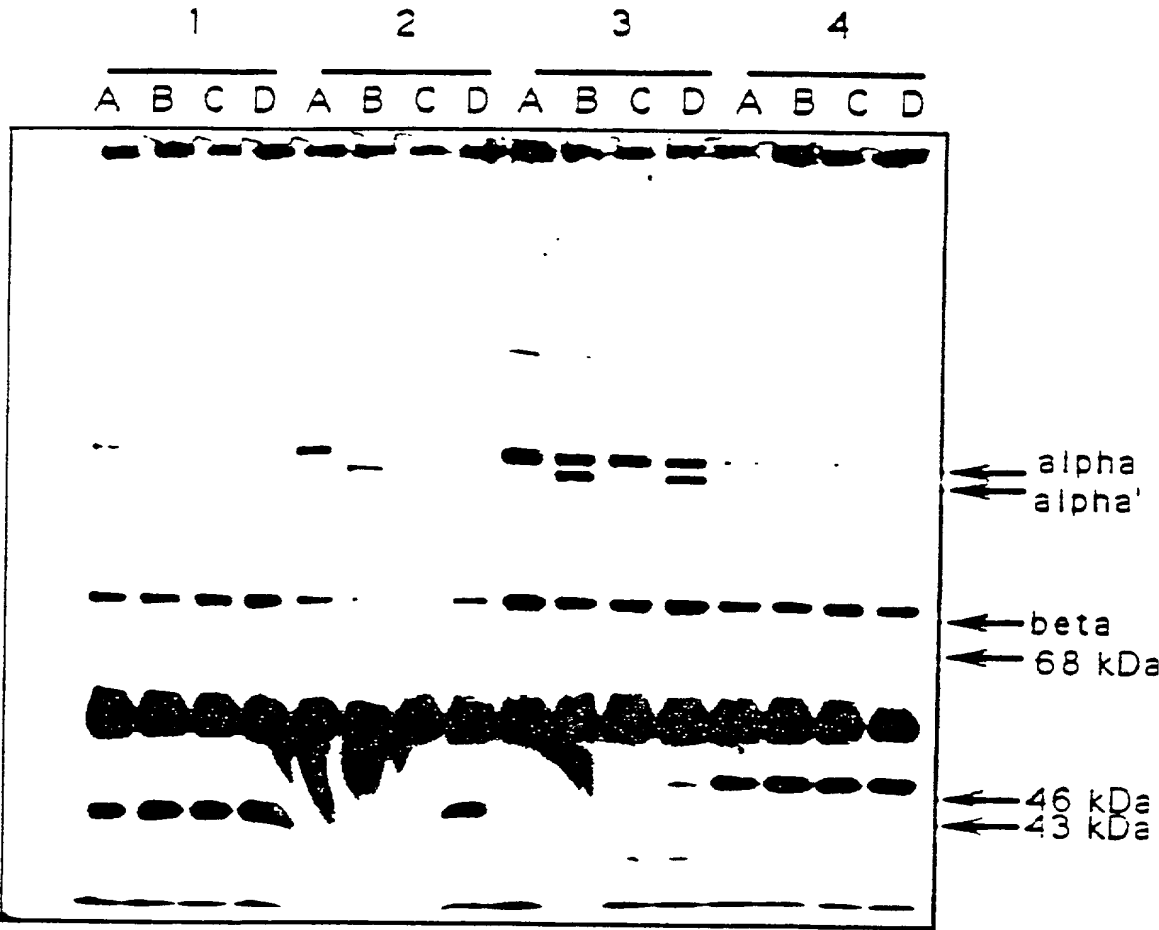


FIG. 3

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SITE 1: R Q Y G C W E R
SITE 2: Q Q Q Q Q Q Q R

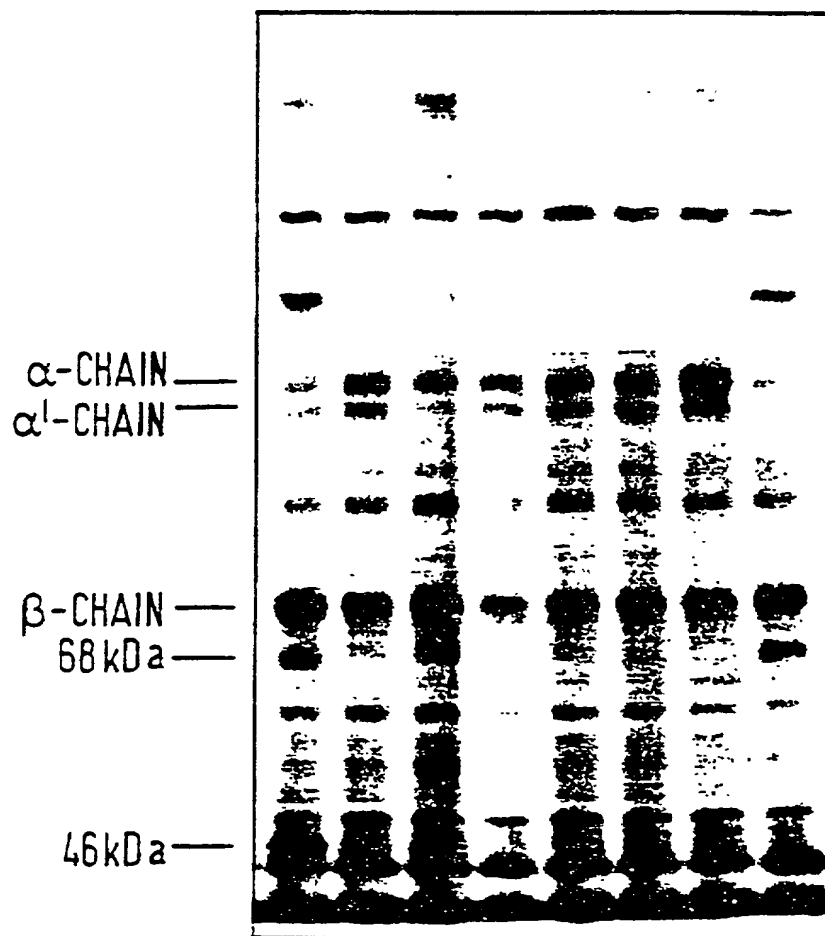


FIG. 4

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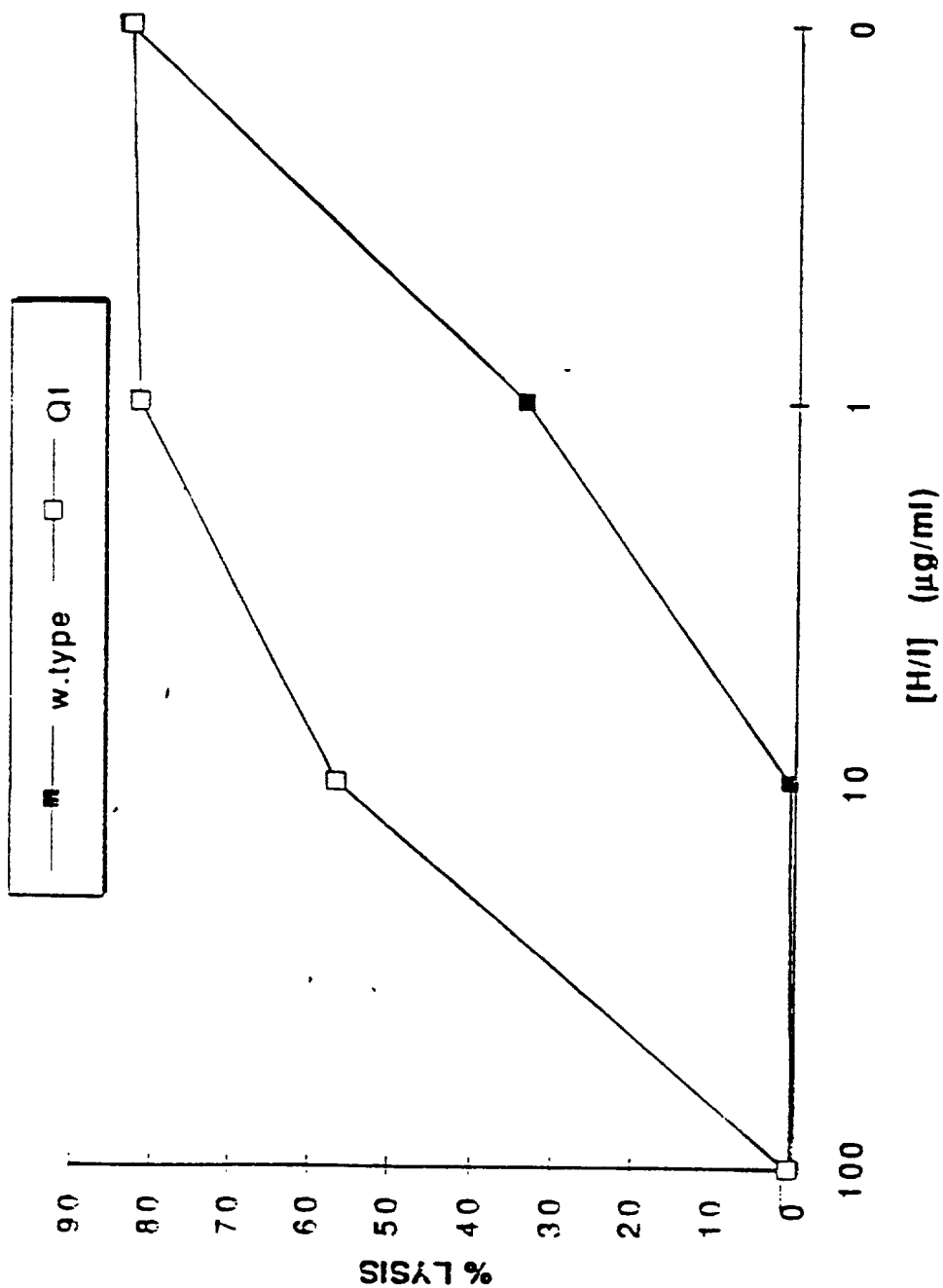


FIG. 5

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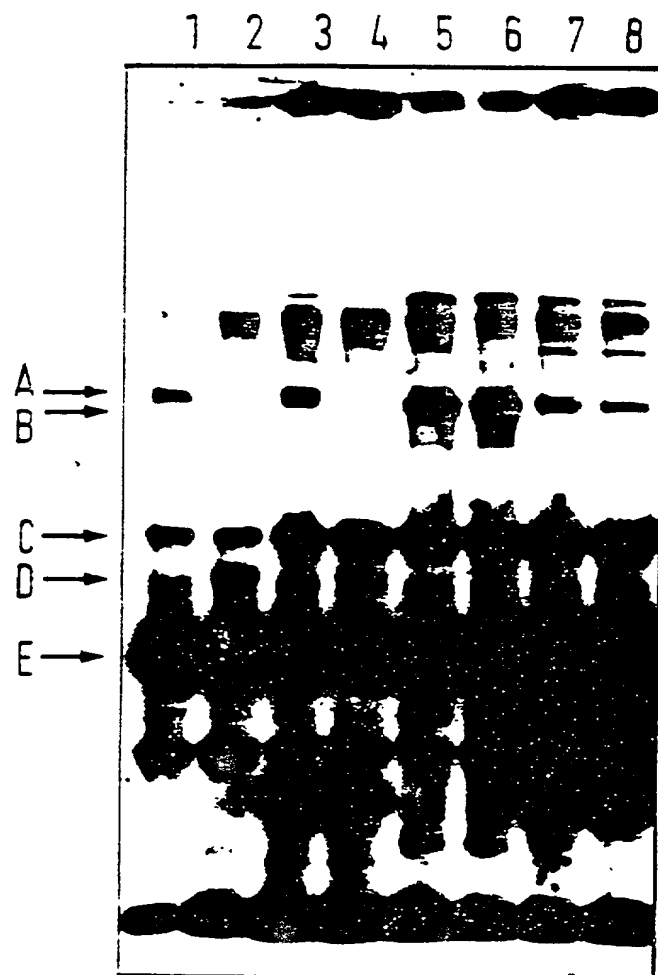


FIG. 6

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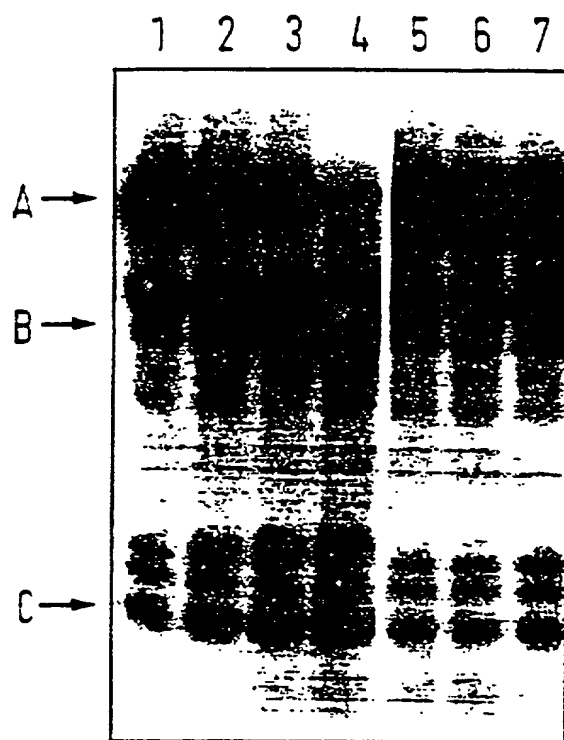


FIG. 7

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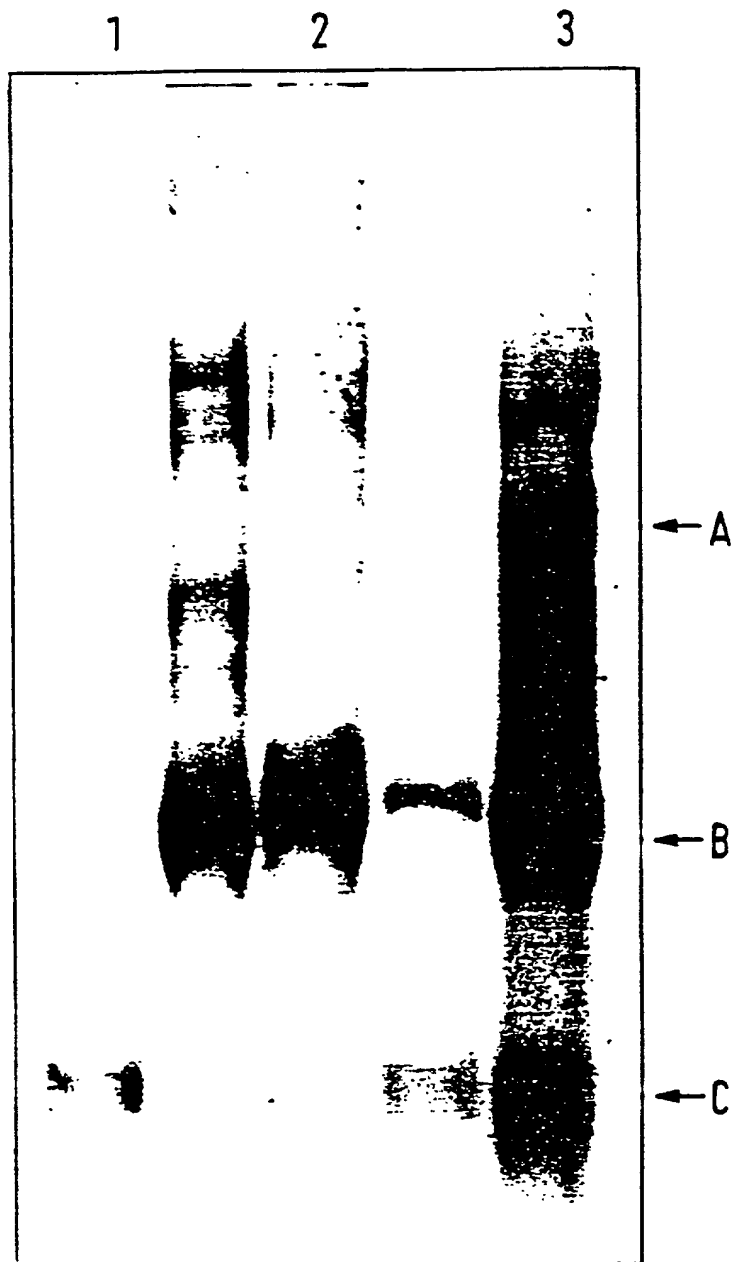


FIG. 8

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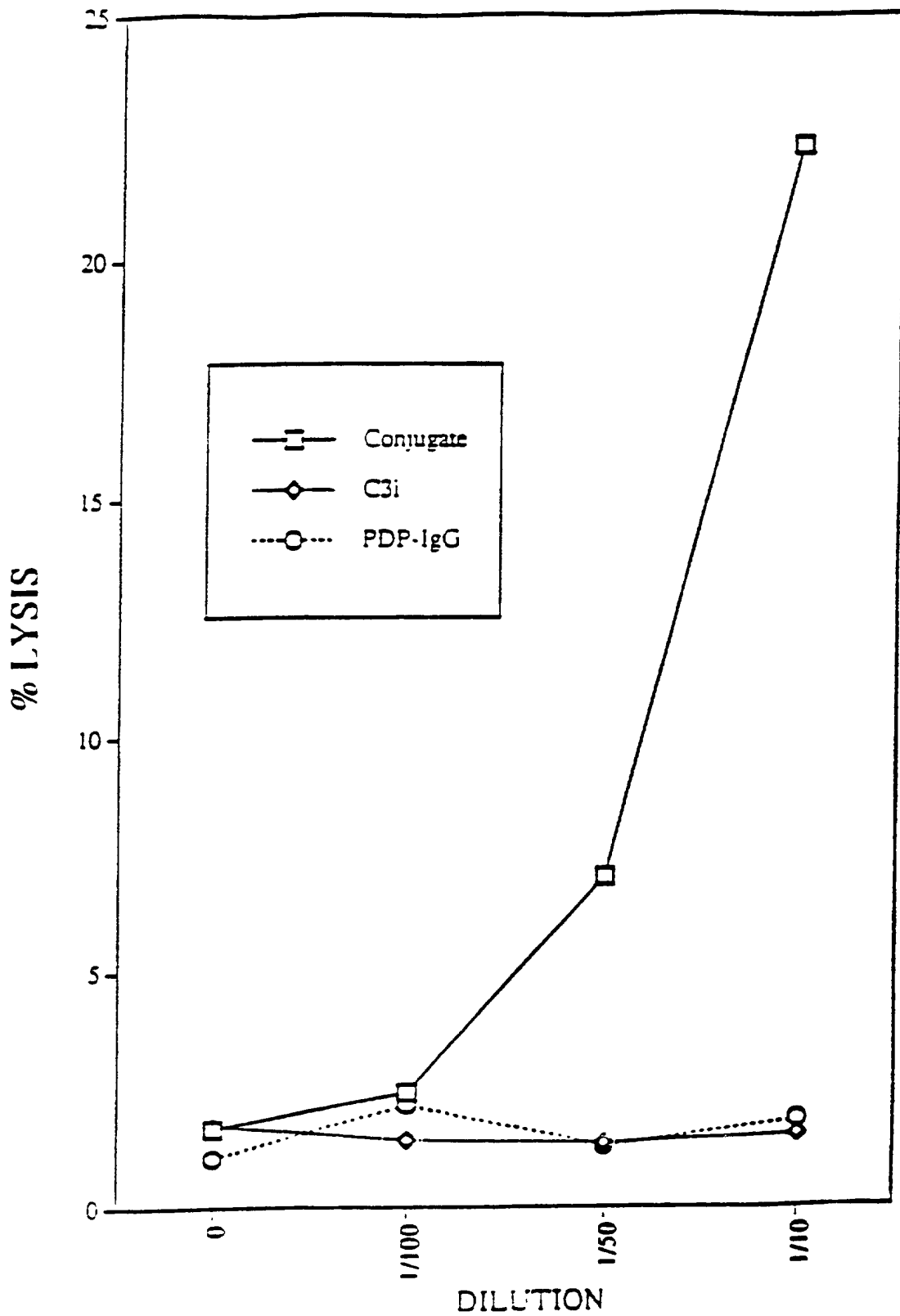


FIG. 9

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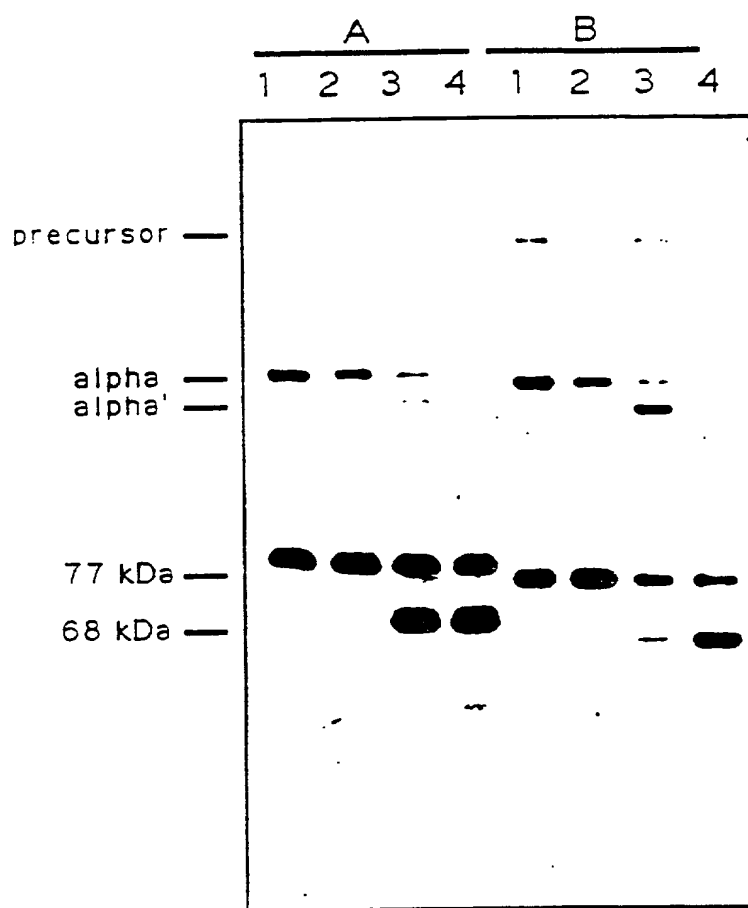


FIG. 10

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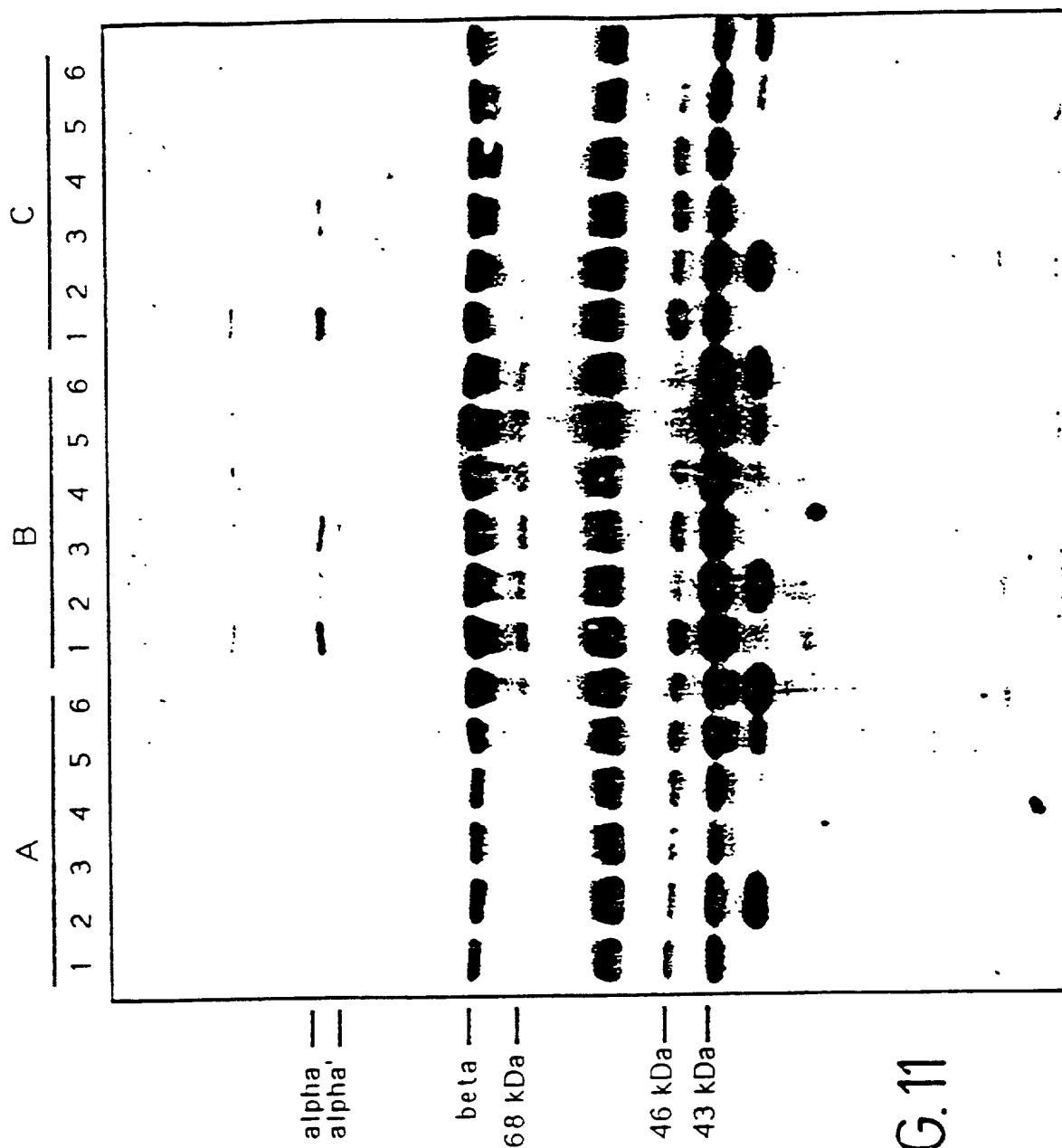


FIG.11

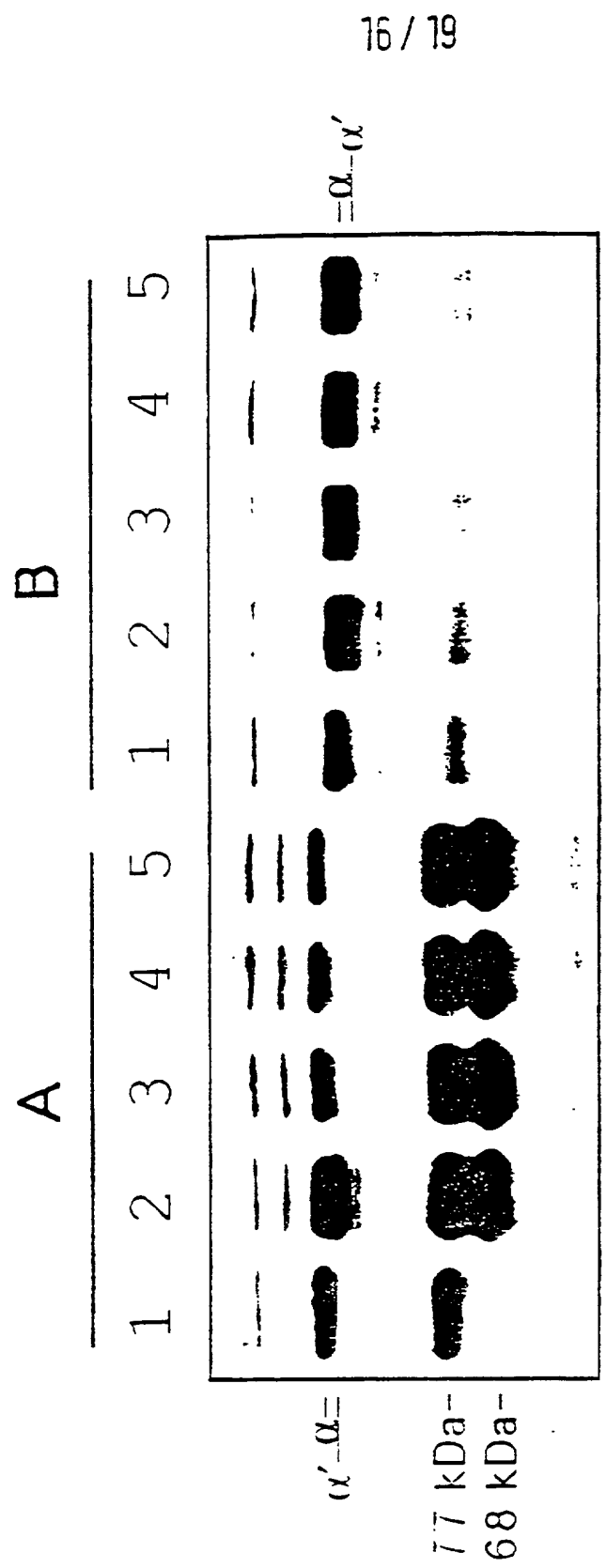


FIG. 12

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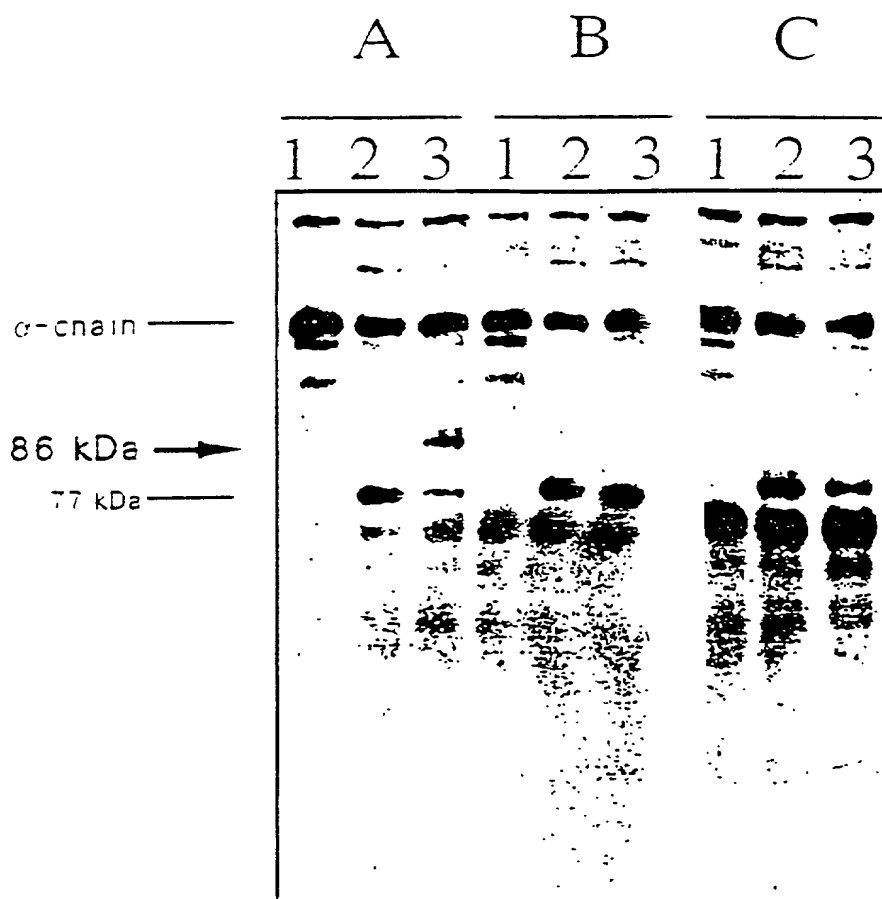


FIG. 13

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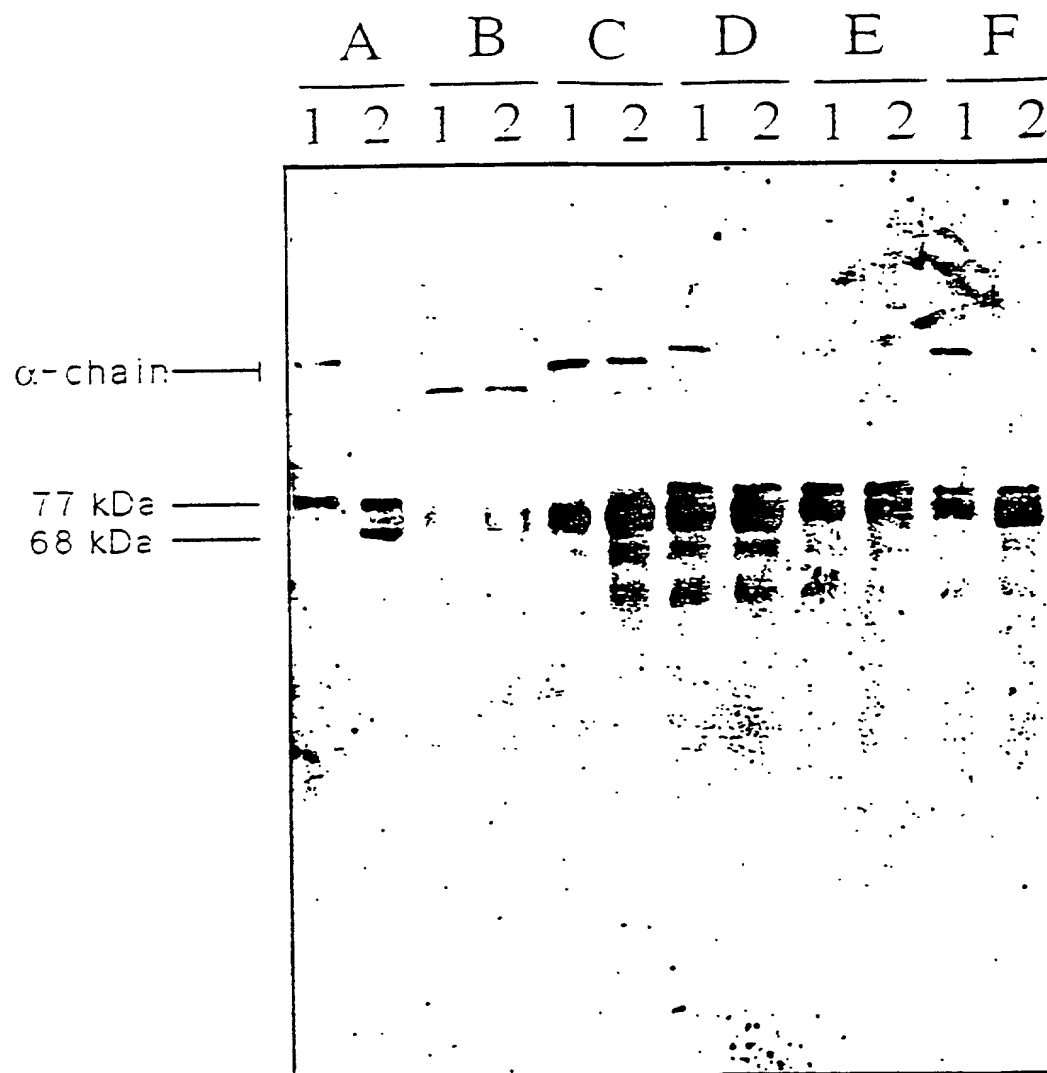


FIG. 14

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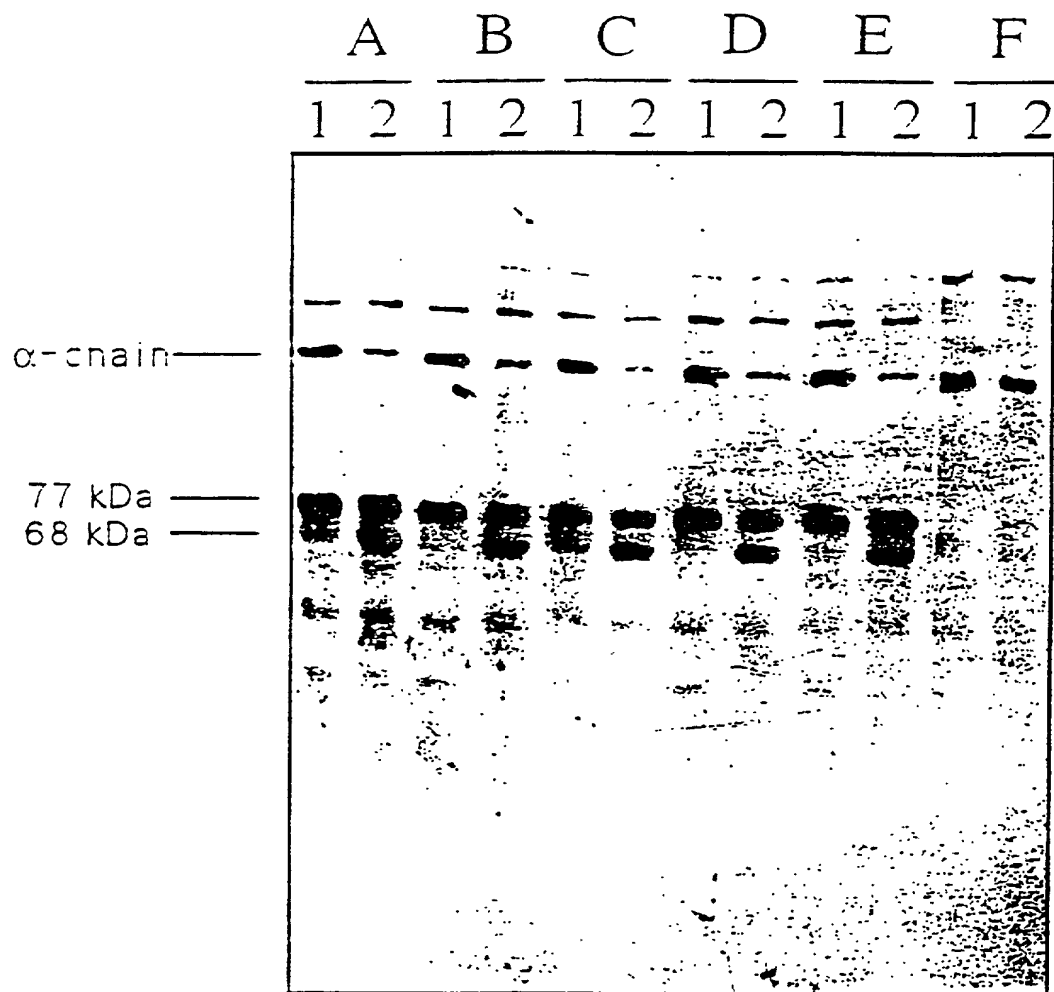


FIG. 15